

JAN 28 2004

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.

09/901,016 10/7/8, 693

APPLICANT  
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

## U.S. PATENT DOCUMENTS

* EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
GC	AA	5,238,652	8/24/1993	Sun et al.			
GC	AB	5,266,497	11/30/1993	Imai et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

GC	AN	Hokama et al.: <u>A rapid enzyme-immunoassay for the detection of ciguatoxin in contaminated fish tissues</u> ; Toxicon, Vol. 21 No. 6, (1983); Pages 817-824
GC	AO	Hokama et al.; <u>Monoclonal antibodies (Mongabs) to ciguatoxin and related polyethers</u> ; Immunological Approaches to Coastal, Estuarine and Oceanographic Questions, Yeutsch et al., Vol. 25 (1988); Pages 155-165
GC	AP	Bangs, Leigh B.; <u>Latex Agglutination Tests</u> ; American Clinical Laboratory News Edition; June 1988, 6 pages
GC	AQ	McHugh et al.; <u>development of a micro-sphere based fluorescent immunoassay and its comparison to an enzyme immunoassay for the detection of antibodies to three antigen preparations from Candida albicans</u> ; Journal of Immunological Methods; Vol. 116, (1989); Pages 213-219

EXAMINER

Hany Amst

DATE CONSIDERED

9/13/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 2

JAN 28 2004

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.  
09/901,016 10/718,693

APPLICANT  
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

GE	AN	Bangs, Leigh B.; <u>Latex Immunoassays</u> ; Journal of Clinical Immunoassay; Vol. 23, No.3, (1990); Pages 127-131
GE	AO	Hokama, Yoshitsugi; <u>Recent methods for detection of seafood toxins: recent immunological methods for ciguatoxin and related polyethers</u> ; Food Additives and Contaminants, Vol. 10, No. 1, (1993); Pages 71-82
GE	AP	Hokama et al.; <u>Human Intoxications from Hawaiian reef fishes associated with diverse marine toxins</u> ; Journal of Natural Toxins, Vol. 5, No. 2, (1996); Pages 235-246
GE	AQ	Bangs, Leigh B.; <u>New developments in particle-based immunoassays: introduction</u> ; Pure and Applied Chemistry, Vol. 68, No. 10, (1996); Pages 1873-1879

EXAMINER Henry Ant

DATE CONSIDERED 9/13/03

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

ATTY DOCKET NO.

SERIAL NO.

~~99/891,108~~

10/718,693

JAN 28 2004

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)APPLICANT  
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

Date Submitted to PTO:

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Gr	AA	4,816,392	3/28/1989	Hokama			
Gr	*AB	5,525,525	6/11/1996	Hokama			
Gr	AC	5,866,430	2/2/1999	Grow			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN						
	AO						

## OTHER DOCUMENT(S) (including Author, Title, Date, Pertinent Pages, Etc.)

Gr	AP	Hokama et al.; <u>A radio immunoassay for the detection of ciguatoxin</u> ; Toxicon, Vol. 15 (1977); Pages 317-325
Gr	AQ	Tachibana, Kazuo; <u>Structural Studies of Marine Toxins</u> ; Ph.D. Dissertation in Chemistry, Univ. of Hawaii, August 1980

EXAMINER

Harry Smith

DATE CONSIDERED

9/13/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 10

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

JAN 28 2004

LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL N. 68/991,196-10/718,693

APPLICANT  
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN						
	AO						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

6	AP	Kimura et al.; <u>Comparison of three different assays for the assessment ciguatoxin in fish tissues; radioimmunoassay, mouse bioassay, and in vitro guinea pig atrium assay</u> ; Toxicon, Vol. 20, No. 5, (1982); Pages 907-912
6	AQ	Hokama, Y.; <u>A rapid simplified enzyme immunoassay stick test for the detection of ciguatoxin and related polyethers from fish tissues</u> ; Toxicon, Vol. 23, No. 6, (1985); Pages 939-946

EXAMINER *Harry Cant*

DATE CONSIDERED 9/12/01

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (Rev. 1/98)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.

09/901,106

10 | 718,693

APPLICANT  
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN						
	AO						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	Lewis, Nancy D.; <u>Epidemiology and Impact of Ciguatera in the Pacific: A Review</u> ; Marine Fisheries Review, Vol. 48, No. 4, (1986); Pages 6-13
AQ	Lombet et al.; <u>Ciguatoxin and brevetoxins share a common receptor site on the neuronal voltage-dependent Na<sup>+</sup> channel</u> ; Federation of European Biochemical Societies Letters, Volume 219, No. 2, (July 1987); Pages 355-359

EXAMINER

Jing Chen

DATE CONSIDERED

9/13/01

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## LIST OF REFERENCES CITED BY APPLICANT(S)

(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.  
09/901,106

10718693

APPLICANT  
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN						
	AO						

## OTHER DOCUMENT(S) (including Author, Title, Date, Pertinent Pages, Etc.)

GE	AP	Taylor et al.; <u>Optimization of a Flow Injection Sampling System for Quantitative Analysis of Dilute Aqueous Solutions Using Combined Resonance and Surface-Enhanced Raman Spectroscopy (SERRS)</u> ; Applied Spectroscopy, Vol. 44, No. 4, (1990); Pages 635-640
GE	AQ	Hokama, Y.; <u>Simplified Solid-Phase Immunobed Assay for Detection of Ciguatera and Related Polyethers</u> ; Journal of Clinical Laboratory Analysis, Vol. 4, (1990); Pages 213-217

EXAMINER

Long Cant

DATE CONSIDERED

9/13/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET N .

SERIAL NO.  
09/904,106

10/718,693

APPLICANT  
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN						
	AO						

## OTHER DOCUMENT(S) (including Author, Title, Date, Pertinent Pages, Etc.)

AP	Kang Xi et al.; <u>Determination of Low Concentrations of the Azo-Dye Complex of Nitrite in Fresh Water and Seawater Using Surface-Enhanced Resonance Raman Spectroscopy (SERR)</u> ; Applied Spectroscopy, Vol. 46, No. 5, (1992); Pages 819-826
AQ	Yasumoto et al.; <u>Marine Toxins</u> ; Chemical Review, Vol.93, (1993); Pages 1897-1909

EXAMINER

Hany Cant

DATE CONSIDERED

7/12/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 6 of 10  
 FORM PTO 1349 (2001/01)

U.S. DEPARTMENT OF COMMERCE  
 PATENT AND TRADEMARK OFFICE

JAN 20 2004

LIST OF REFERENCES CITED BY APPLICANT(S)  
 (Use covered sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO. 08/001,406 10/718,693

APPLICANT  
 EBESU ET AL.

FILING DATE July 10, 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN						
	AO						

OTHER DOCUMENT(S) (Including Author, Title, Date, Periodic Pages, Etc.)

62	AP	Hokama et al.; <u>Evaluation of the Hawaiian Reef Fishes with the Solid Phase Immunohead Assay</u> ; Journal of Clinical Laboratory Analysis, vol. 7, (1993); Pages 26-30
62	AQ	Manger et al.; <u>Detection of Sodium Channel Toxins: Directed Cytotoxicity Assays of Purified Ciguatoxins, Brevetoxins, Saxitoxins, and Seafood Extracts</u> ; Journal of the AOAC International, Vol. 78, No. 2, (1995); Pages 521-527

EXAMINER Harry Smith

DATE CONSIDERED 7/13/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

JAN 20 2004

LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET N .

SERIAL NO.

09/301,106

10 | 718,693

APPLICANT  
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN						
	AO						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

62	AP	Barton et al.; <u>Ciguatera Fish Poisoning: A Southern California Epidemic</u> ; Western Journal of Medicine, Vol. 163, (1995); Pages 31-35
62	AQ	De Haro et al.; <u>Mass ciguatera fish poisoning after eating barracuda in Mexico: Prognostic and Therapeutic Implications</u> ; (In French); Med Trop(Mars); Vol. 57, (1997); Pages 55-58

EXAMINER

Harry Cant

DATE CONSIDERED

9/13/15

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT(S)

(Use several sheets if necessary)

Date Submitted to PTO:

ATTY DOCKET NO.

SERIAL NO.

00/004,106

10/718,093

APPLICANT  
EBESU ET AL.

FILING DATE July 10, 2001

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN						
	AO						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

GC	AP	Nie et al.; <u>Probing Single Molecules and Single Nanoparticles by Surface Enhanced Raman Scattering</u> ; science, Vol. 275, (21 February 1997); Pages 1102-1106
GC	AQ	Hokama et al.; <u>Latex antibody test (LAT) for detection of marine toxins in ciguateric fish</u> ; Journal of Natural Toxins, Vol. 6, No. 1, (1997); Pages 35-50

EXAMINER

Gary Cant

DATE CONSIDERED

9/13/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 605; Draw line through citations if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 9 of 10  
 FORM PTO 1449 (modified)  
 U.S. DEPARTMENT OF COMMERCE  
 PATENT AND TRADEMARK OFFICE  
 JAN 20 2001  
 LIST OF REFERENCES CITED BY APPLICANT(S)  
 (Use several sheets if necessary)  
 Date Submitted to PTO:

ATTY DOCKET NO.  
 SERIAL NO. 09/901,106 10/718,693

APPLICANT  
 EBESU ET AL.

FILING DATE July 10, 2001

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AN							
	AO							

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

Ge	AP	Bruneau et al.; <u>Ciguatera fish poisoning linked to the ingestion of barracuda in a Montreal restaurant</u> ; Canada Communicable Disease Report, Vol. 23-20, (October 15, 1997); Pages 1-4
Ge	AQ	Sierra-Beltran et al.; <u>An overview of the marine food poisoning in Mexico</u> ; Toxicon, Vol. 36, No. 11, (1998); Pages 1493-1502

EXAMINER Dany Gant

DATE CONSIDERED 9/13/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 600; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 10 of 10  
FORM PTO 1449 (modified)  
JAN 20 2001  
U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
LIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)  
Date Submitted to PTO:

ATTY DOCKET NO.  
SERIAL N. 10728693  
69/901-106

APPLICANT  
EBESU ET AL.

FILING DATE July 10, 2001  
GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AN						
	AO						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AP	Hokama et al.; A Simple Membrane Immunobead Assay for Detecting Ciguatera and Related Polyethers from Human Ciguatera Intoxication and Natural Reef Fishes; Journal of AOAC International, Vol. 81, No. 4, (1998); Pages 727-735
AQ	Internet Search Results; Sanner et al.; Ciguatera fish poisoning following travel to the tropics; Lechuga-Devese et al.; Documented case of ciguatera on the Mexican Pacific coast; Arcila-Herrera et al.; Ten cases of...; Blume et al.; Ciguatera ...; (Abstracts) www.ncbi.nlm.nih.gov; (PubMed) 10/2/2001; 4 pages

EXAMINER *Doug Smith*  
DATE CONSIDERED 9/13/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.